Air, pollution, mortality associations with, nonrespiratory, contribution to, of respiratory disease, 1117
Airspace, terminal, genometry, complexity of, assessed by computed tomography in asthma, 411
Airway(s)
alterations, structural, selectively associated with severe asthma, 1360
alveolar attachment points, and exposure to cigarette smoke *in utero*, 45
asthmatic, smooth-muscle cells, expression in, of connective tissue growth factor, 71
bacterial load, and FEV_1 decline in patients with chronic obstructive pulmonary disease, 1090
disease, predominantly mild, adults with, sleep and sleep-disordered breathing in, 7
eosinophilia, disruption of L-histidine decarboxylase reduces, but not hyperresponsiveness, 758
inflammation, and remodeling, *in vivo* and *in vitro* effects on, of SAR 943, a rapamycin analogue, 193
inflammation, effect on, of addition of monteleukast to inhaled fluticasone propionate, 745
inflammation, in patients with fixed airflow obstruction due to asthma or chronic obstructive pulmonary disease, differences in, 418
mouse, interleukin-13-induced eosinophilia, hyperresponsiveness, and goblet-cell hyperplasia in, differential regulation of, by glucocorticoid, 50
numbers in, eosinophil's role remains uncertain as anti-interleukin-5 only partially depletes numbers in, 199
obstruction, in infants, spirometric measurements to detect, sensitivity of, 1283
peripheral, canine, bronchoconstriction in, hyperventilation-induced, neurokinins modulate, 1102
pressure, positive, automatic and fixed, therapy, in the home, comparison between, 20
remodeling, in asthma, vascular component of, is reduced by high- dose fluticasone, 751
response, T-helper type 2, accentuated, after allergen challenge in cyclooxygenase $1^{-/-}$ but not cyclooxygenase $2^{-/-}$ mice, 1509
secretions, human, normal, hydrogen peroxide-scavenging properties of, 425
upper, in pregnancy and pre-eclampsia, 137
upper, size analysis, by magnetic resonance imaging, of children with obstructive sleep apnea syndrome, 65
pressure, positive, continuous (CPAP), can patients with obstructive sleep apnea titrate their own?, 716
Allergen
challenge, accentuated T-helper type 2 airway response after, in cyclooxygenase $1^{-/-}$ but not cyclooxygenase $2^{-/-}$ mice, 1509
inhaled, deep-inspiration–induced bronchoprotection against, absence of, 1660
major occupational, latex-glove Hev b5, allergy to, mouse model of, characterization of, 1393
Allergy
to a major occupational latex-glove allergen, Hev b5, mouse model of, characterization of, 1393
wheezing, and parasite infection, in children in urban and rural Ethiopia, 1369
Alveolar
collapse and recruitment/derecruitment, positive end-expiratory pressure after a recruitment maneuver prevents both, 1620
derecruitment, endotracheal suctioning-induced, in acute lung injury, prevention of, 1215
fluid clearance, early changes in, by nitric oxide, after endotoxin instillation in rats, 205
liquid clearance, and sodium channel expression, are decreased in transplanted canine lungs, 1440
macrophages, have a protective antiinflammatory role during murine pneumococcal pneumonia, 171
Alveolitis, fibrosing, interstitial vascularity in, 438
American Thoracic Society
ATS/ACCP Statement: Cardiopulmonary Exercise Testing, 211
American Thoracic Society Documents
American Thoracic Society/Centers for Disease Control and Prevention/Infectious Diseases Society of America: Treatment of Tuberculosis, 603
American Thoracic Society Statement: Occupational Contribution to the Burden of Airway Disease, 787
American Thoracic Society Workshop
Proceeedings of the First Jack Pepys Occupational Asthma Symposium, 450
Antigen, -4, very late (VLA-4), antagonist, small-molecule, can inhibit ovalbumin-induced lung inflammation, 1400
Antiprotease, targeted delivery of, to the epithelial surface of human tracheal xenografts, 1374
α_1-Antitrypsin, deficiency, severe, augmentation therapy for, cost- effectiveness analysis of, 1387
Antituberculosis drugs
bactericidal and sterilizing activities of, during the first 14 days, 1348
first-line, serious side effects from, incidence of, among patients treated for active tuberculosis, 1472
Apnea(s)
obstructive versus central, in patients with sleep-disordered breathing, heart rate during, autonomic modulation of, 902
sleep, obstructive, diagnostic testing in, a decision rule for, 1427
sleep, obstructive, mild, treatment of, laser-assisted uvulopalatoplasty in, a randomized trial of, 15
sleep, obstructive, can patients with, titrate their own continuous positive airway pressure?, 716
sleep, obstructive, syndrome, children with, upper-airway size analysis of, by magnetic resonance imaging, 65
sleep, obstructive, syndrome, autonomic control in, during sleep, model-based assessment of, 128
Asthma
acute, intravenous montelukast in, a randomized controlled trial of, 528
airway remodeling in, vascular component of, is reduced by high-dose fluticasone, 751
bronchial, acute exacerbation of, adults with, atypical pathogen infection in, 406
childhood, hospital readmissions for: a 10-year metropolitan study, 1068
difficult, children with, reticular basement membrane in, early thickening of, 78
early-onset, and *in utero* exposure to maternal smoking, effects of, on childhood lung function, 917

Air, pollution, mortality associations with, nonrespiratory, contribution to, of respiratory disease, 1117
Airspace, terminal, genometry, complexity of, assessed by computed tomography in asthma, 411
Airway(s)
alterations, structural, selectively associated with severe asthma, 1360
alveolar attachment points, and exposure to cigarette smoke *in utero*, 45
asthmatic, smooth-muscle cells, expression in, of connective tissue growth factor, 71
bacterial load, and FEV_1 decline in patients with chronic obstructive pulmonary disease, 1090
disease, predominantly mild, adults with, sleep and sleep-disordered breathing in, 7
eosinophilia, disruption of L-histidine decarboxylase reduces, but not hyperresponsiveness, 758
inflammation, and remodeling, *in vivo* and *in vitro* effects on, of SAR 943, a rapamycin analogue, 193
inflammation, effect on, of addition of monteleukast to inhaled fluticasone propionate, 745
inflammation, in patients with fixed airflow obstruction due to asthma or chronic obstructive pulmonary disease, differences in, 418
mouse, interleukin-13-induced eosinophilia, hyperresponsiveness, and goblet-cell hyperplasia in, differential regulation of, by glucocorticoid, 50
numbers in, eosinophil's role remains uncertain as anti-interleukin-5 only partially depletes numbers in, 199
obstruction, in infants, spirometric measurements to detect, sensitivity of, 1283
peripheral, canine, bronchoconstriction in, hyperventilation-induced, neurokinins modulate, 1102
pressure, positive, automatic and fixed, therapy, in the home, comparison between, 20
remodeling, in asthma, vascular component of, is reduced by high- dose fluticasone, 751
response, T-helper type 2, accentuated, after allergen challenge in cyclooxygenase $1^{-/-}$ but not cyclooxygenase $2^{-/-}$ mice, 1509
secretions, human, normal, hydrogen peroxide-scavenging properties of, 425
upper, in pregnancy and pre-eclampsia, 137
upper, size analysis, by magnetic resonance imaging, of children with obstructive sleep apnea syndrome, 65
pressure, positive, continuous (CPAP), can patients with obstructive sleep apnea titrate their own?, 716
Allergen
challenge, accentuated T-helper type 2 airway response after, in cyclooxygenase $1^{-/-}$ but not cyclooxygenase $2^{-/-}$ mice, 1509
inhaled, deep-inspiration–induced bronchoprotection against, absence of, 1660
major occupational, latex-glove Hev b5, allergy to, mouse model of, characterization of, 1393
Allergy
to a major occupational latex-glove allergen, Hev b5, mouse model of, characterization of, 1393
wheezing, and parasite infection, in children in urban and rural Ethiopia, 1369
Alveolar
collapse and recruitment/derecruitment, positive end-expiratory pressure after a recruitment maneuver prevents both, 1620
derecruitment, endotracheal suctioning-induced, in acute lung injury, prevention of, 1215
fluid clearance, early changes in, by nitric oxide, after endotoxin instillation in rats, 205
liquid clearance, and sodium channel expression, are decreased in transplanted canine lungs, 1440
macrophages, have a protective antiinflammatory role during murine pneumococcal pneumonia, 171
Alveolitis, fibrosing, interstitial vascularity in, 438
American Thoracic Society
ATS/ACCP Statement: Cardiopulmonary Exercise Testing, 211
American Thoracic Society Documents
American Thoracic Society/Centers for Disease Control and Prevention/Infectious Diseases Society of America: Treatment of Tuberculosis, 603
American Thoracic Society Statement: Occupational Contribution to the Burden of Airway Disease, 787
American Thoracic Society Workshop
Proceeedings of the First Jack Pepys Occupational Asthma Symposium, 450
Antigen, -4, very late (VLA-4), antagonist, small-molecule, can inhibit ovalbumin-induced lung inflammation, 1400
Antiprotease, targeted delivery of, to the epithelial surface of human tracheal xenografts, 1374
α_1-Antitrypsin, deficiency, severe, augmentation therapy for, cost- effectiveness analysis of, 1387
Antituberculosis drugs
bactericidal and sterilizing activities of, during the first 14 days, 1348
first-line, serious side effects from, incidence of, among patients treated for active tuberculosis, 1472
Apnea(s)
obstructive versus central, in patients with sleep-disordered breathing, heart rate during, autonomic modulation of, 902
sleep, obstructive, diagnostic testing in, a decision rule for, 1427
sleep, obstructive, mild, treatment of, laser-assisted uvulopalatoplasty in, a randomized trial of, 15
sleep, obstructive, can patients with, titrate their own continuous positive airway pressure?, 716
sleep, obstructive, syndrome, children with, upper-airway size analysis of, by magnetic resonance imaging, 65
sleep, obstructive, syndrome, autonomic control in, during sleep, model-based assessment of, 128
Asthma
acute, intravenous montelukast in, a randomized controlled trial of, 528
airway remodeling in, vascular component of, is reduced by high-dose fluticasone, 751
bronchial, acute exacerbation of, adults with, atypical pathogen infection in, 406
childhood, hospital readmissions for: a 10-year metropolitan study, 1068
difficult, children with, reticular basement membrane in, early thickening of, 78
early-onset, and *in utero* exposure to maternal smoking, effects of, on childhood lung function, 917

exacerbation, children with, exhaled breath condensate of, aldehydes and glutathione in, 395
guinea pig model of, antiinflammatory effects on, of genistein, a tyrosine kinase inhibitor, 185
maternal history of, and asthma at the age of 6 years, day care attendance in early life, 1239
moderate, children with, clinical and biological heterogeneity in, 1490
or chronic obstructive pulmonary disease, fixed airflow obstruction due to, patients with, differences in airway inflammation in, 418
patients with, corticosteroid-treated, surrogate inflammatory markers in, effects on, of montelukast, 1232
patients with, sensitized to cats, bronchial challenge tests in: the importance of large particles in the immediate response, 1077
persistent, severe, effect on, of SCH55700, a humanized anti-human interleukin-5 antibody: a pilot study, 1655
severe, airway structural alterations selectively associated with, 1360
terminal airspace geometry in, complexity of, assessed by computed tomography, 411
Atelectasis, causes vascular leak and lethal right ventricular failure in uninjured rat lungs, 1633
Bleomycin
-induced pulmonary fibrosis, is attenuated in γ-glutamyl transpeptidase-deficient mice, 925
-injured dog lungs, altered clearance from, of gadolinium diethylenetriaminepentaacetic acid, 1704
Breath
condensate, exhaled, collection, comparison during, of nasal and oral inhalation, 850
condensate, exhaled, in cystic fibrosis, increased leukotriene B_4 and interleukin-6 in, 1109
condensate, exhaled, of children with asthma exacerbation, aldehydes and glutathione in, 395
condensate, exhaled, of patients with chronic obstructive pulmonary disease, aldehydes in, 1380
Breathing
sleep-disordered, menopausal status and, in the Wisconsin Sleep Cohort Study, 1181
sleep-disordered, hormone replacement therapy and, 1186
sleep-disordered, patients with, obstructive versus central apneas in, heart rate during, autonomic modulation of, 902
sleep-disordered, sleep and, in adults with predominantly mild obstructive airway disease, 7
Bronchial
asthma, acute exacerbation of, adults with, atypical pathogen infection in, 406
challenge tests, in patients with asthma sensitized to cats: the importance of large particles in the immediate response, 1077
Bronchoconstriction
exercise-induced, in elite athletes, mannitol as a challenge test to identify, 534
hyperventilation-induced, in canine peripheral airways, neurokinins modulate, 1102
Cell(s)
BEAS-2B, 11β-hydroxysteroid dehydrogenase in, dexamethasone upregulates, 1244
dendritic, human, maturation of, superoxide anions induce, 431
endothelial, adhesion molecule-1, platelet, in neutrophil emigration during acute bacterial pneumonia in mice and rats, 164
epithelial, bronchial, human, activator protein-1 activation in, nitric oxide-induced, apoptosis signal-regulating kinase 1- mediated signaling pathway regulates, 856
inflammatory, counts, and cytokine expression, in bronchial tissue, fully automated assessment of, 1496
smooth-muscle, airway, asthmatic, expression in, of connective tissue growth factor, 71
T-helper, type-1, response, interleukin-12-mediated, in tuberculosis, high plasma osteopontin level and its relationship with, 1355
wounding, ventilator-induced, and repair in the intact lung, 1057
Children
in urban and rural Ethiopia, wheezing, allergy, and parasite infection in, 1369
infants and, with acute respiratory failure, clinical trials in, feasibility of conducting, 1334
severe sepsis in, in the United States, epidemiology of, 695
with asthma exacerbation, exhaled breath condensate of, aldehydes and glutathione in, 395
with difficult asthma, reticular basement membrane in, early thickening of, 78
with moderate asthma, clinical and biological heterogeneity in, 1490
with obstructive sleep apnea syndrome, upper airway size analysis of, by magnetic resonance imaging, 65
young, with cystic fibrosis, inhaled tobramycin in, significant microbiological effect of, 841
Clinical Commentary
Aminoglycoside prescribing and surveillance in cystic fibrosis, 819
Infection control in the bronchoscopy suite: a review of outbreaks and guidelines for prevention, 1050
Correspondence
A possible antiinflammatory treatment for cystic fibrosis, 278
A reiterative method for calculating bactericidal activity, 663
Acidopnea and the dictionary, 798
ATS statement on 6-minute walk test, 1287
ATS/ACCP Statement on Cardiopulmonary Exercise Testing, 1451
Auto-PEEP with low tidal volume, 1150
Bactericidal activity of antituberculosis drugs, 663
Cardiopulmonary resuscitation in pulmonary hypertension, 663
Computed tomography is reasonably reliable for screening lung cancer, 472
Continuous positive airway pressure normalizes pulmonary artery pressures in subjects with obstructive sleep apnea and pulmonary hypertension, 91
Delay in diagnosis among hospitalized patients with active tuberculosis-predictors and outcomes, 278
Dilution of respiratory solutes in exhaled condensates, 798
Do low exhaled condensate $NH4^+$ concentrations in asthma reflect reduced pulmonary production?, 91
Duplicate publication challenged, 1150
Erratum: ATS/ACCP Statement on Cardiopulmonary Exercise Testing, 1451
Erratum: House dust endotoxin and sensitization in children, 91
Estimated frequency of nursing facility-acquired pneumonia?, 1287
Exhaled nitric oxide as a diagnostic tool, 663
Formoterol and ipratropium in COPD, 1575
Gold stage 0, 933
Inflammation in idiopathic pulmonary fibrosis, 1036
Ipratropium and Lung Health Study, 798

Limited transmission of multidrug-resistant tuberculosis, 472
Measurement of the CO_2 apneic threshold, 472
Meta-analysis of tidal volumes in ARDS, 798
Mutations of CFTR gene and intermediate sweat chloride levels, 1575
Persistent troublesome cough, 1150
Plasmapheresis, GM-CSF, and alveolar proteinosis, 1036
Prenatal antibiotic exposure and subsequent atopy, 1575
Recruitment maneuvers during lung-protective ventilation in acute respiratory distress syndrome, 91
Recruitment maneuvers in ARDS, 1575
Right level of positive end-expiratory pressure in acute respiratory distress syndrome, 1575
Serum levels of vascular endothelial growth factor are elevated in patients with obstructive sleep apnea and severe nighttime hypoxia, 91
Superoxide production during sepsis development, 472
Systemic effects of inhaled corticosteroids, 1036
Tidal volumes in ARDS and meta-analysis, 933
Time for standardization, 663

Corticosteroid
-treated patients with asthma, surrogate inflammatory markers in, effects on, or monteleukast, 1232

Critical Care Perspective
Applying fuzzy logic to medical decision-making in the intensive care unit, 948
On the physiologic and clinical relevance of lung-borne cytokines during ventilator-induced lung injury, 1467

Cytokine
expression, inflammatory cell counts and, in bronchial tissue, fully automated assessment of, 1496
response, in patients with sepsis, parenteral nutrition with fish oil modulates, 1321

Deoxyribonucleic acid (DNA), mitochondrial, postlipopolysaccharide oxidative damage of, 570

Desmopressin, therapy, for massive hemoptysis associated with severe leptospirosis, 726

Dexamethasone, upregulates 11β-hydroxysteroid dehydrogenase type 2 in BEAS-2B cells, 1244

Diaphragm, fatigue of, low-frequency, is weaning failure caused by?, 120

Disease(s)
airway, obstructive, predominantly mild, adults with, sleep and sleep-disordered breathing in, 7
lung, chronic, pulmonary rehabilitation in, maintenance after: a randomized trial, 880
neuromuscular, patients with, tracheostomized, speech in, comparative effects on, of two ventilatory modes, 114
pulmonary
chronic obstructive
asthma or, fixed airflow obstruction due to, patients with, differences in airway inflammation in, 418
moderate, patients with, smokers and, pulmonary arteries of, enhanced expression in, of vascular endothelial growth factor, 1250
mortality in, factors related to, analysis of: role of exercise capacity and health status, 544
patients with, alveolar macrophages from, cytokine release by, impaired inhibition of, by dexamethasone, 24
patients with, exhaled breath condensate of, aldehydes in, 1380
patients with, FEV1 decline in, airway bacterial load and, 1090
patients with, inspiratory muscles of, mitochondrial electron- transport-chain function in, is enhanced, 873
patients with, quadriceps oxidative stress and peripheral muscle dysfunction in, exercise-induced, 1664
six-minute walk distance in: reproducibility and effect of walking course layout and length, 1522
respiratory, contribution of, to nonrespiratory mortality associations with air pollution, 1117

Dysautonomia, familial, hypoxia and hypercapnia in, respiratory and cerebrovascular responses to, 141

Dysplasia, bronchopulmonary, alveolar structural remodeling in, a catalytic antioxidant attenuates, 57

Editorials
A dark side of interferon-γ in the treatment of idiopathic pulmonary fibrosis?, 945
A new role for glucocorticoids in septic shock: balancing the immune response, 485
Alveolar macrophages: wielding the double-edged sword of inflammation, 103
April 25, 1953: three papers, three lessons, 1047
Are we really reducing tidal volume—and should we?, 1297
Breath condensate analysis: perhaps worth studying, after all, 292
Broadening the therapeutic options in acute asthma, 488
Bronchopulmonary dysplasia: one disease or two?, 1
Can continuous positive airway pressure be self-titrated?, 674
Cell suffering and its prevention in lung, 1046
Conflicts of interest and *AJRCCM*: restating policy and a new form to upload, 1161
Do complex conditions require complex treatment?, 6
Education theory applied top critical care: Dewey versus tradition: it really *does* matter, 4
Emergence of nontuberculous mycobacteria as pathogens in cystic fibrosis, 810
Eosinophils and interleukin-5: the debate continues, 1586
From clinical and pathologic to molecular staging of lung cancer, 1587
Further discussion on breath condensate analysis, 1301
Immunity to nontypable *Haemophilus influenzae*: elucidating protective responses, 486
Inhaled nitric oxide after lung transplantation: no more cosesis?, 1463
Interferon-γ and host susceptibility to tuberculosis, 946
Is cell and molecular biology divorcing from clinical practice?, 1164
Is chronic obstructive pulmonary disease related to sleep apnea-hypopnea syndrome?, 3
Is the eosinophil a "Humpty Dumpty" cell in asthma?, 102
Je peux parler!, 101
Lung recruitment in real time: learning was never so easy, 1585
Montelukast for respiratory syncytial virus bronchiolitis: significant effect or provocative findings?, 290
New insights from an old model, 1462
Perceptions, confessions: a systems response is needed, 1302
Rifampin and pyrazinamide for latent tuberculosis infection: is it safe?, 809
Role of isoniazid in once-weekly rifapentine treatment of pulmonary tuberculosis, 1298
Seeking modifier genes in cystic fibrosis, 289
Sputum induction: simpler, cheaper, and safer—but is it better?, 676
Tethering tracheobronchial airways within the lungs, 2
The blood lung function test: does it exist for asthma?, 1465
The hormone replacement dilemma for the pulmonologist, 1165
The hunt for the elusive surrogate marker of sterilizing activity in tuberculosis treatment, 1299

The management of severe falciparum malaria, 673
To clot or not to clot, that is the question in pulmonary fibrosis, 1589
Tuberculosis chemotherapy: still a double-edged sword, 1461
Understanding inflammation in chronic obstructive pulmonary disease: the process begins, 1045
Emphysema
experimental, mice with, streptococcal pneumonia in, impaired pulmonary inflammatory responses are a prominent feature of, 764
matrix metalloproteinase-dependent, in adult rats, methylprednisolone causes, 1516
Endotoxin
airborne, predicts symptoms in non-mouse-sensitized technicians and research scientists exposed to laboratory mice, 983
instillation, in rats, early changes after, in alveolar fluid clearance, by nitric oxide, 205
Eosinophil
cationic protein, gene, promoter polymorphism in, and its influence on the serum eosinophil cationic protein level, 180
role, remains uncertain as anti-interleukin-5 only partially depletes numbers in asthmatic airway, 199
Epoprostenol
91 consecutive patients with pulmonary arterial hypertension receiving, outcome in, 580
Exercise
and lung function, role of, in predicting work status in cystic fibrosis, 150
-induced bronchoconstriction, in elite athletes, mannitol as a challenge test to identify, 534
-induced quadriceps oxidative stress and peripheral muscle dysfunction, in patients with chronic obstructive pulmonary disease, 1664
Factor(s)
growth
connective tissue, in asthmatic airway smooth-muscle cells, expression of, 71
fibroblast, receptor-1, and neonatal compensatory lung growth after exposure to 95% oxygen, 1554
platelet-derived, expression of, in the lung, activated protein C inhibits, 1416
vascular endothelial, enhanced expression of, in pulmonary arteries of smokers and patients with moderate chronic obstructive pulmonary disease, 1250
tissue, blockade of, treatment for organ injury in established sepsis, 1200
tumor necrosis, -α, anti-, therapy, treatment with, histoplasmosis after, 1279
tumor necrosis, -α, release, macrophage metalloelastase mediates acute cigarette smoke-induced inflammation via, 1083
Fibrosis
cystic
breath condensate in, exhaled, increased leukotriene B_4 and interleukin-6 in, 1109
children with, young, inhaled tobramycin in, significant microbiological effect of, 841
end-organ dysfunction in: association with angiotensin I–converting enzyme and cytokine gene polymorphisms, 384
lung disease, endothelial nitric oxide synthase variants in, 390
pulmonary, bleomycin-induced, is attenuated in γ-glutamyl transpeptidase-deficient mice, 925
work status in, predicting, role in, of exercise and lung function, 150
pulmonary, end-stage, interferon-γ therapy of, acute respiratory failure after, 953
pulmonary, idiopathic: a composite physiologic index derived from disease extent observed by computed tomography, 962
Fluticasone
high-dose, vascular component of airway remodeling in asthma is reduced by, 751
propionate, inhaled, addition of montelukast to, effect of, on airway inflammation, 745
Gene(s)
eosinophil cationic protein, promoter polymorphism in, and its influence on the serum eosinophil cationic protein level, 180
interferon-γ and interleukin-10, polymorphisms, in pulmonary tuberculosis, 970
major histocompatibility complex (MHC), region, and sarcoidosis susceptibility in African-Americans, 444
pulmonary, expression, imaging, with positron emission tomography, 1257
Genistein, a tyrosine kinase inhibitor, antiinflammatory effects of, on a guinea pig model of asthma, 185
Glucocorticoid, differential regulation by, of interleukin-13-induced eosinophilia, hyperresponsiveness, and goblet-cell hyperplasia in mouse airways, 50
Haemophilus influenzae, nontypeable, adaptive immunity to, 587
Heart
failure, cardiovascular oscillations in, influence on, of Cheyne-Stokes respiration, 1534
failure, pneumonitis and, drug-induced, simultaneously associated with venlafaxine, 958
failure, vasoactive agents in, left-ventricular diastolic stress in the presence of, inhaled nitric oxide modifies, 895
rate, autonomic modulation of, during obstructive versus central apneas in patients with sleep-disordered breathing, 902
Histoplasmosis, after treatment with anti-tumor necrosis factor-α therapy, 1279
How It *Really* Happened
A respiratory physiologist by hook or by crook, 1167
Putting numbers to theories about periodic breathing: putting your money where your mouth is, 112
Hydrocortisone, "low-dose", immunologic and hemodynamic effects of, in septic shock: a double-blind, randomized, placebo-controlled crossover study, 512
Hypercapnia, hypoxia and, in familial dysautonomia, respiratory and cerebrovascular responses to, 141
Hyperoxia, -exposed newborn mice, lung development in, extracellular superoxide dismutase protects, 400
Hyperventilation, -induced bronchoconstriction, in canine peripheral airways, neurokinins modulate, 1102
Hypocapnia, stable, acute, hypoxic respiratory response during, 1193
Hypoxia
and hypercapnia, in familial dysautonomia, respiratory and cerebrovascular responses to, 141
intermittent, gestational, in the developing rat, respiratory effects of, 1540
intermittent, is associated with oxidative stress and spatial learning deficits in the rat, 1548
stagnant or anemic, conscious septic rats under, critical oxygen delivery in, 868
Infant(s)

airway obstruction in, spirometric measurements to detect, sensitivity of, 1283
and children, with acute respiratory failure, clinical trials in, feasibility of conducting, 1334
Inflammation
airway, differences in, in patients with fixed airflow obstruction due to asthma or chronic obstructive pulmonary disease, 418
airway, effect on, of the addition of monteleukast to inhaled fluticasone propionate, 745
cigarette smoke-induced, acute, macrophage metalloelastase mediates, via tumor necrosis factor-α release, 1083
Intensive care unit, end-of-life decisions, perceptions of, by physicians and nursing staff, discrepancies between, 1310
Intercellular adhesion molecule-1, biologically active, is shed as dimers by a regulated mechanism in the inflamed pleural space, 1131
Interferon, -γ, and interleukin-10, gene polymorphisms in pulmonary tuberculosis, 970
Interleukin
-5, anti-human antibody, humanized, SCH55700, effect of, in severe persistent asthma: a pilot study, 1655
-6, leukotriene B_4 and, increased, in exhaled breath condensate in cystic fibrosis, 1109
-10, interferon, -γ and, gene polymorphisms in pulmonary tuberculosis, 970
-12, -mediated type-1 T-helper cell response in tuberculosis, high plasma osteopontin level and its relationship with, 1355
-13, -induced eosinophilia, hyperresponsiveness, and goblet-cell hyperplasia in, differential regulation of, by glucocorticoid, 50
Isoniazid concentrations, low, and outcome of tuberculosis treatment with once-weekly isoniazid and rifapentine, 1341
Laryngeal C fibers, hypersensitivity of, induced by volatile anesthetics in young guinea pigs, 557
Leptospirosis, severe, massive hemoptysis associated with, desmopressin therapy for, 726
Leukemia, acute monocytic, presenting as acute respiratory failure, 1329
Leukotriene, B_4, and interleukin-6, in exhaled breath condensate in cystic fibrosis, 1109
Lipopolysaccharide, binding protein, single nucleotide polymorphism in, and its association with sepsis, characterization of, 1316
Lung(s)
allografts, function and survival of, improved, statin use is associated with, 1271
cancer, non-small-cell, metastases, stromal-derived factor- 1/CXCL12-CXC chemokine receptor-4 biological axis in, 1676
cancer, patients with, mediastinal lymph nodes of, telomerase expression in, detection of, 1670
canine, transplanted, alveolar liquid clearance and sodium channel expression are decreased in, 1440
developing, role in, of neuregulin-1β, 1711
development, in hyperoxia-exposed newborn mice, extracellular superoxide dismutase protects, 400
disease, advanced, patients with, pulmonary hypertension in, echocardiographic assessment of, 735
disease, chronic, pulmonary rehabilitation after, maintenance of: a randomized trial, 880
disease, cystic fibrosis, endothelial nitric oxide synthase variants in, 390
disease, interstitial, thrombin-activatable fibrinolysis inhibitor and protein C inhibitor in, 1687
dog, bleomycin-injured, altered clearance from, of gadolinium diethylenetriaminepentaacetic acid: initial observations, 1704
expression in, of platelet-derived growth factor, activated protein C inhibits, 1416
function
childhood, effects on, of early-onset asthma and *in utero* exposure to maternal smoking, 917
exercise and, role of, in predicting work status in cystic fibrosis, 150
glycemic state and, association between: The Framingham Heart Study, 911
growth, compensatory, neonatal, fibroblast growth factor receptor-1 and, after exposure to 95% oxygen, 1554
inflammation, ovalbumin-induced, small-molecule very late antigen-4 (VLA-4) antagonist can inhibit, 1400
injury
acute, alveolar derecruitment in, endotracheal suctioning-induced, prevention of, 1215
acute, in sheep, after burn and smoke inhalation injury, the inducible nitric oxide synthase inhibitor BBS-2 prevents, 1021
acute, outcome in, early alterations in neutrophil activation are associated with, 1567
acute, patients with, nonlinear elastic behavior in, effect on, of inspiratory flow pattern and inspiratory-to-expiratory ratio, 702
acute, ventilator therapy, in teaching hospitals, impact on, of randomized trial results, 1304
ventilator-induced, rat model of, *in vivo*, systemic microvascular leak in, 1627
intact, ventilator-induced cell wounding and repair in, 1057
lamb, preterm, intra-amniotic endotoxin in, increased IP-10 and MIG expression after, 779
liquid, clearance, in rats, scorpion venom decreases, 1064
rat, type II cell, hyperplasia, keratinocyte growth factor-induced, surfactant homoestasis is maintained *in vivo* during, 1264
rat, uninjured, vascular leak in, and lethal right ventricular failure, atelectasis causes, 1633
rejection, chronic, allorecognition pathways in, hierarchical contributions of, 999
transplantation, ischemia-reperfusion injury after, inhaled nitric oxide to prevent, a randomized trial of, 1483
volume, reduction, bronchoscopic, using tissue-engineering principles, 771
Lymphangioleiomyomatosis, recurrent, after transplantation: genetic analysis reveals a metastatic mechanism, 976
Lymphocytes, T, $CD8^+$, in viral hyperreactivity and M_2 muscarinic receptor dysfunction, 550
Macrophage(s)
alveolar, from patients with chronic obstructive pulmonary disease, cytokine release by, impaired inhibition of, by dexamethasone, 24
alveolar, have a protective anti-inflammatory role during murine pneumococcal pneumonia, 171
inflammatory protein-3β/CCL19, expression of, in pulmonary sarcoidosis, 1695
metalloelastase, mediates acute cigarette smoke-induced inflammation, via tumor necrosis factor-α release, 1083
Malaria, falciparum, imported, severe, clinical spectrum of, in the intensive care unit: report of 188 cases in adults, 684
Metalloelastase, macrophage, mediates acute cigarette smoke-induced inflammation, via tumor necrosis factor-α release, 1083

Metalloproteinase
matrix, -dependent emphysema, methylprednisolone causes, in adult rats, 1516
matrix, pulmonary, excess, in hospital-acquired pneumonia, 593
Methylprednisolone, causes matrix metalloproteinase-dependent emphysema in adults rats, 1516
Mice
cyclooxygenase $1^{-/-}$, but not cyclooxygenase $2^{-/-}$, accentuated T-helper type 2 airway response in, after allergen challenge, 1509
γ-glutamyl transpeptidase-deficient, bleomycin-induced pulmonary fibrosis is attenuated in, 925
laboratory, non-mouse-sensitized technicians and research scientists exposed to, symptoms in, airborne endotoxin predicts, 983
β_2-microglobulin-knockout, are resistant to lethal intra-abdominal sepsis, 1641
newborn, hypoxia-exposed, lung development in, extracellular superoxide dismutase protects, 400
β_2-Microglobulin
-knockout mice, are resistant to lethal intra-abdominal sepsis, 1641
Monteleukast
a randomized trial of, in respiratory syncytial virus postbronchiolitis, 379
addition of, to inhaled fluticasone propionate, effect of, on airway inflammation, 745
effects of, on surrogate inflammatory markers in corticosteroid- treated patients with asthma, 1232
intravenous, in acute asthma, a randomized controlled trial of, 528
Muscle(s)
inspiratory, of patients with chronic obstructive pulmonary disease, mitochondrial electron-transport-chain function in, is enhanced, 873
peripheral, dysfunction, quadriceps oxidative stress and, exercise-induced, in patients with chronic obstructive pulmonary disease, 1664
Mycobacteria
nontuberculous. I: multicenter prevalence study in cystic fibrosis, 828
nontuberculous. II: nested cohort study of impact on cystic fibrosis lung disease, 835
Nasal, epithelium, potential difference, at high altitude (4,559 m): evidence for secretion, 862
Neuregulin-1β, role of, in the developing lung, 1711
Neurokinins, modulate hyperventilation-induced bronchoconstriction in canine peripheral airways, 1102
Neutrophil
activation, early alterations in, are associated with outcome in acute lung injury, 1567
emigration, during acute bacterial pneumonia in mice and rats, platelet endothelial cell adhesion molecule-1 in, 164
NHLBI Workshop Summary
Clinical Research in Chronic Obstructive Pulmonary Disease: Needs and Opportunities, 1142
Future Research Directions in Acute Lung Injury: Summary of a National Heart, Lung, and Blood Institute Working Group, 1027
Nitric oxide
early changes by, in alveolar fluid clearance, after endotoxin instillation in rats, 205
exhaled, effects on, of sex and gene variants in constitutive nitric oxide synthases, 1113
-induced activator protein-1 activation, in human bronchial epithelial cells, apoptosis signal-regulating kinase-1-mediated signaling pathway regulates, 856
inhalation of, long-term, in patients with severe acute respiratory distress syndrome, dose-response characteristics during: a prospective, randomized, controlled study, 1008
inhaled, modifies left-ventricular diastolic stress in the presence of vasoactive agents in heart failure, 895
inhaled, to prevent ischemia-reperfusion injury after lung transplantation, randomized trial of, 1483
Nitric oxide synthase(s) (NOS) constitutive, sex and gene variants in, effects of, on exhaled nitric oxide, 1113
endothelial, variants, in cystic fibrosis lung disease, 390
inhibitor, inducible, BBS-2, prevents acute lung injury in sheep after burn and smoke inhalation injury, 1021
Occasional Essays
Should a pharmaceutical be approved for the broad indication of excessive sleepiness?, 109
Osteopontin level, plasma, high, and its relationship with interleukin-12-mediated type-1 T-helper cell response in tuberculosis, 1355
Ovalbumin, -induced lung inflammation, a small-molecule very late antigen-4 (VLA-4) antagonist can inhibit, 1400
Oxygen
delivery, critical, in conscious septic rats under stagnant or anemic hypoxia, 868
95%, exposure to, fibroblast growth factor receptor-1 and neonatal compensatory lung growth after, 1554
Pleural
space, inflamed, a regulated mechanism in the, biologically active intercellular adhesion molecule-1 is shed as dimers by, 1131
tuberculosis, diagnosis of, yield in, of sputum induction, 723
Pneumonia(s)
aspiration, severe, in institutionalized elderly, microbiology of, 1650
bacterial, acute, in mice and rats, neutrophil emigration during, platelet endothelial cell adhesion molecule-1 in, 164
experimental, due to *Pseudomonas aeruginosa*, in rats, role in, of the quorum-sensing system, 1478
hospital-acquired, matrix metalloproteinase, pulmonary, excess in, 593
interstitial, usual, fibroblastic foci in: idiopathic versus collagen vascular disease, 1410
pneumococcal, murine alveolar macrophages have a protective anti-inflammatory role during, 171
streptococcal, in mice with experimental emphysema, impaired pulmonary inflammatory responses are a prominent feature of, 764
Pneumonitis
and heart failure, drug-induced, simultaneously associated with venlafaxine, 958
hypersensitivity, summer-type, TA-19, a novel protein antigen in, of *Trichosporon asahii*, 991
Pressure(s)
airway, positive, automatic and fixed, therapy, in the home, comparison between, 20
airway, positive, continuous (CPAP), can patients with obstructive sleep apnea titrate their own?, 716
atrial, left, can be accurately transmitted to the pulmonary artery despite zone 1 conditions, 1016
blood, systolic, in men, increased, rhinitis is associated with: a population-based study, 538
expiratory, end-, positive, after a recruitment maneuver, pre-

vents both alveolar collapse and recruitment/decreuitment, 1620
Pro/Con Editorials
Con: modafinil has no role in management of sleep apnea, 106
Pro: modafinil has a role in management of sleep apnea, 105
Protein(s)
antigen, TA-19, a novel, of *Trichosporon asahii*, in summer-type hypersensitivity pneumonitis, 991
bone morphogenetic, receptor II, inherited mutation in, pulmonary veno-occlusive disease caused by, 889
C, activated, inhibits the expression of platelet-derived growth factor in the lung, 1416
eosinophil cationic, gene, promoter polymorphism in, and its influence on the serum eosinophil cationic protein level, 180
lipopolysaccharide-binding, single nucleotide polymorphism in, and its association with sepsis, characterization of, 1316
macrophage inflammatory-3β/CCL19, expression of, in pulmonary sarcoidosis, 1695
Pseudomonas aeruginosa, experimental pneumonia due to, in rats, role in, of the quorum-sensing system, 1478
Pulmonary
arterial hypertension, human immunodeficiency virus-associated, survival in, prognostic factors for, 1433
arterial hypertension, 91
consecutive patients with, receiving epoprostenol, outcome in, 580
arteries, of smokers and patients with moderate chronic obstructive pulmonary disease, enhanced expression in, of vascular endothelial growth factor, 1250
artery, left atrial pressure can be accurately transmitted to, despite zone 1 conditions, 1016
C-fiber, hypersensitivity, activation of dopamine D_2-like receptors attenuates, 1096
disease
chronic obstructive
asthma or, fixed airflow obstruction due to, patients with, differences in airway inflammation in, 418
moderate, patients with, smokers and, pulmonary arteries of, enhanced expression in, of vascular endothelial growth factor, 1250
mortality in, factors related to, analysis of: role of exercise capacity and health status, 544
patients with, alveolar macrophages from, cytokine release by, impaired inhibition of, by dexamethasone, 24
patients with, exhaled breath condensate of, aldehydes in, 1380
patients with, FEV_1 decline in, airway bacterial load and, 1090
patients with, inspiratory muscles of, mitochondrial electron- transport-chain function in, is enhanced, 873
patients with, quadriceps oxidative stress and peripheral muscle dysfunction in, exercise-induced, 1664
six-minute walk distance in: reproducibility and effect of walking course layout and length, 1522
veno-occlusive, caused by an inherited mutation in bone morphogenetic protein receptor II, 889
embolism: comparison of angiography with spiral computed tomography, magnetic resonance angiography, and real-time magnetic resonance imaging, 729
embolism, suspected, diagnostic strategies for, including helical computed tomography, cost-effectiveness analysis of, 39
fibrosis, bleomycin-induced, is attenuated in γ-glutamyl transpeptidase-deficient mice, 925 [supplement online at www.atsjournals.org]
fibrosis, end-stage, interferon-γ therapy of, acute respiratory failure after, 953
fibrosis, idiopathic: a composite physiologic index derived from disease extent observed by computed tomography, 962
function, and health-related quality of life, in survivors of acute respiratory distress syndrome, 690
function, measures, a genome-wide scan of, in the National Heart, Lung, and Blood Institute Family Heart Study, 1528
hypertension, in patients with advanced lung disease, echocardiographic assessment of, 735
hypertension, thromboembolic, chronic, nonoperable, long-term treatment of, sildenafil for, 1139
inflammatory responses, impaired, are a prominent feature of streptococcal pneumonia in mice with experimental emphysema, 764
medicine, a snapshot of, at the turn of the century: The American Thoracic Society membership, 1176
rehabilitation, in chronic lung disease, maintenance after: a randomized trial, 880
risk, after nonthoracic surgery, predicting, accuracy in, of preoperative assessment, 741
sarcoidosis, expression in, of macrophage inflammatory protein 3β/CCL19, 1695
tuberculosis, interferon-γ and interleukin-10 gene polymorphisms in, 970
Pulmonary Perspective
A meta-analysis derivation of continuous likelihood ratios for diagnosing pleural fluid exudates, 1591
Asymptomatic airway hyperresponsiveness: a curiosity or an opportunity to prevent asthma?, 371
Hyaluronan in respiratory injury and repair, 1169
Nosology for our day: its application to chronic obstructive pulmonary disease, 678
Theophylline: new perspectives for an old drug, 813
Rat(s)
adult, emphysema in, matrix metalloproteinase-dependent, methylprednisolone causes, 1516
developing, gestational intermittent hypoxia in, respiratory effects of, 1540
endotoxin instillation in, early changes after, in alveolar fluid clearance, by nitric oxide, 205
experimental pneumonia in, due to *Pseudomonas aeruginosa*, role in, of the quorum-sensing system, 1478
lung liquid clearance in, scorpion venom decreases, 1064
lung, type II cell, hyperplasia, keratinocyte growth factor-induced, surfactant homeostasis is maintained *in vivo* during, 1264
lungs, uninjured, vascular leak in, and lethal right ventricular failure, atelectasis causes, 1633
mice and, acute bacterial pneumonia in, neutrophil emigration during, platelet endothelial cell adhesion molecule-1 in, 164
model, *in vivo*, of ventilator-induced lung injury, systemic microvascular leak in, 1627
pulmonary C-fiber hypersensitivity in, activation of dopamine D_2-like receptors attenuates, 1096
septic, conscious, under stagnant or anemic hypoxia, critical oxygen delivery in, 868
spatial learning deficits in, oxidative stress and, intermittent hypoxia is associated with, 1548
Receptor(s)

bone morphogenetic protein, II, inherited mutation in, pulmonary veno-occlusive disease caused by, 889
dopamine D_2-like, activation of, attenuates pulmonary C-fiber hypersensitivity in rats, 1096
fibroblast growth, -1, and neonatal compensatory lung growth after exposure to 95% oxygen, 1554
muscarinic, M_2, dysfunction, viral hyperreactivity and, $CD8^+$ T lymphocytes in, 550
serotonergic, activity, in the hypoglossal nucleus, pharmacological characterization of, 563
stromal-derived factor-1/CXCL12-CXC chemokine, biological axis, in non-small-cell lung cancer metastases, 1676
Respiration, Cheyne-Stokes, influence of, on cardiovascular oscillations in heart failure, 1534
Respiratory
and cerebrovascular responses, to hypoxia and hypercapnia, in familial dysautonomia, 141
disease, contribution of, to nonrespiratory mortality associations with air pollution, 1117
distress syndrome
acute, after bacteremic sepsis, does not increase mortality, 1210
acute, fibroproliferative, patients with, lung tissue of, insulin- like growth factor-I in, localization of, 83
acute, severe, patients with, long-term inhalation in, of nitric oxide, dose-response characteristics during: a prospective, randomized, controlled study, 1008
acute, sigh during, in acute and prone position, 521
acute, survivors of, pulmonary function and health-related quality of life in, 690
acute, treatment of, with recombinant surfactant protein C surfactant, 1562
effects of gestational intermittent hypoxia in the developing rat, 1540
failure
acute, after interferon-γ therapy of end-stage pulmonary fibrosis, 953
acute, infants and children with, clinical trials in, feasibility of conducting, 1334
acute, acute, monocytic leukemia presenting as, 1329
response, hypoxic, during acute stable hypocapnia, 1193
Rhinitis
allergic, seasonal, secretoneurin in, neural expression and increased lavage fluid levels of, 1504
is associated with increased systolic blood pressure in men: a population-based study, 538
Rifampin, and pyrazinamide, for treatment of latent tuberculosis, 2 months of, safety of, 824
Rifapentine, isoniazid and, once-weekly, tuberculosis treatment with, low isoniazid concentrations and outcome of, 1341
Saline, inhaled, increasing concentration of, with or without amiloride: effect on mucociliary clearance in normal subjects, 158
SAR 943, a rapamycin analogue, *in vivo* and *in vitro* effects of, on airway inflammation and remodeling, 193
Sarcoidosis
pulmonary, expression in, of macrophage inflammatory protein- 3β/CCL19, 1695
susceptibility, and resistance HLA-DQB1 alleles, in African Americans, 1225
susceptibility, in African-Americans, major histocompatibility complex (MHC) gene region and, 444
Secretoneurin, neural expression and increased lavage fluid levels of, in seasonal allergic rhinitis, 1504
Sepsis
bacteremic, acute respiratory distress syndrome after, does not increase mortality, 1210
intra-abdominal, lethal, β_2-microglobulin-knockout mice are resistant to, 1641
patients with, cytokine response in, parenteral nutrition with fish oil modulates, 1321
severe, in children, in the United States, epidemiology of, 695
single nucleotide polymorphism in the lipopolysaccharide binding protein and its association with, characterization of, 1316
Shock, septic, "low-dose" hydrocortisone in, immunologic and hemodynamic effects of: a double-blind, randomized, placebo- controlled crossover study, 512
Sildenafil, for long-term treatment of nonoperable chronic thromboembolic pulmonary hypertensions, 1139
Sleep
and sleep-disordered breathing, in adults with predominantly mild obstructive airway disease, 7
apnea, obstructive, diagnostic testing in, a decision rule for, 1427
apnea, obstructive, mild, treatment of, laser-assisted uvulopalatoplasty in, a randomized trial of, 15 [supplement online at www.atsjournals.org]
apnea, obstructive, can patients with, titrate their own continuous positive airway pressure?, 716
apnea, obstructive, syndrome, children with, upper-airway size analysis of, by magnetic resonance imaging, 65
apnea, obstructive, syndrome, during sleep, autonomic control of, model-based assessment of, 128
-disordered breathing, hormone replacement therapy and, 1186
-disordered breathing, menopausal status and, in the Wisconsin Sleep Cohort Study, 1181
-disordered breathing, patients with, obstructive versus central apneas in, heart rate during, autonomic modulation of, 902
disruption, in mechanically ventilated patients and healthy subjects, contribution to, of intensive-care-unit environment, 708
Smoke
cigarette, exposure to, *in utero*, airway alveolar attachment points and, 45
cigarette, -induced inflammation, acute, macrophage metalloelastase mediates, via tumor necrosis factor-α release, 1083
inhalation injury, burn and, in sheep, acute lung injury after, the inducible nitric oxide synthase inhibitor BBS-2 prevents, 1021
Smokers, and patients with moderate chronic obstructive pulmonary disease, pulmonary arteries of, enhanced expression in, of vascular endothelial growth factor, 1250
Smoking, maternal, *in utero* exposure to, early-onset asthma and, effects of, on childhood lung function, 917
Sputum, induction, in diagnosis of pleural tuberculosis, yield of, 723
Statin, use, is associated with improved function and survival of lung allografts, 1271
State of the Art
Ischemia—reperfusion-induced lung injury, 490
Superoxide dismutases in the lung and human lung diseases, 1600
Superoxide
anions, induce maturation of human dendritic cells, 431
dismutase, extracellular, protects lung development in hyperoxia-exposed newborn mice, 400
Surfactant

homeostasis, in maintained in vivo during keratinocyte growth factor-induced rat lung type II cell hyperplasia, 1264
protein C, surfactant, recombinant, treatment with, of acute respiratory distress syndrome, 1562
Syndrome(s)
respiratory distress
acute, after bacteremic sepsis, does not increase mortality, 1210
acute, fibroproliferative, patients with, lung tissue of, insulin-like growth factor-I in, localization of, 83
acute, severe, patients with, long-term inhalation in, of nitric oxide, dose-response characteristics during: a prospective, randomized, controlled study, 1008
acute, sigh during, in acute and prone position, 521
acute, survivors of, pulmonary function and health-related quality of life in, 690
acute, treatment of, with recombinant surfactant protein C surfactant, 1562
sleep apnea, obstructive, children with, upper-airway size analysis of, by magnetic resonance imaging, 65
Telomerase, expression, detection of, in mediastinal lymph nodes of patients with lung cancer, 1670
Theophylline, effects of, on ventilatory poststimulus potentiation in patients with brain damage, 1124
Tobramycin, inhaled, significant microbiological effect of, in young children with cystic fibrosis, 841
Tracheal xenografts, human, epithelial surface of, targeted delivery to, of antiprotease, 1374
Trichosporon asahii, TA-19, a novel protein antigen of, in summer-type hypersensitivity pneumonitis, 991
Tuberculin, conversion, in Canadian microbiology and pathology workers, factors associated with, 599
Tuberculosis
active, patients treated for, incidence among, of serious side effects from first-line antituberculosis drugs, 1472
latent, rifampin and pyrazinamide for treatment of, 2 months of, safety of, 824
pleural, diagnosis of, yield in, of sputum induction, 723
pulmonary, interferon-γ and interleukin-10 gene polymorphisms in, 970
T-helper cell, type-1, response in, interleukin-12-mediated, high plasma osteopontin level and its relationship with, 1355
treatment, with once-weekly isoniazid and rifapentine, outcome of, low isoniazid concentrations and, 1341
Venlafaxine, drug-induced pneumonitis and heart failure simultaneously associated with, 958
Venom, scorpion, decreases lung liquid clearance in rats, 1064
Ventilation, mechanical, medical resident education in, effectiveness of, 32
Ventilator
-induced cell wounding and repair in the intact lung, 1057
therapy, acute lung injury, in teaching hospitals, impact on, of randomized trial results, 1304
Ventilatory
modes, two, comparative effects of, on speech, in tracheostomized patients with neuromuscular disease, 114
poststimulus potentiation, in patients with brain damage, effects on, of theophylline, 1124
Virus(es)
human immunodeficiency (HIV), -associated pulmonary arterial hypertension, survival in, prognostic factors for, 1433,
respiratory syncytial, postbronchiolitis, monteleukast in, a randomized trial of, 379
Volume, expiratory, forced, in 1 second (FEV_1), decline, airway bacterial load and, in patients with chronic obstructive pulmonary disease, 1090
Walk, six-minute, distance, in chronic obstructive pulmonary disease: reproducibility and effect of walking course layout and length, 1522
Wheezing, allergy, and parasite infection, in children in urban and rural Ethiopia, 1369
Year in Review
Critical care medicine in *AJRCCM* 2002, 294
Sleep-disordered breathing, control in breathing, respiratory muscles, and pulmonary function testing in *AJRCCM* 2002, 306
Asthma, airway biology, and nasal disorders in *AJRCCM* 2002, 319
Pediatrics, surfactant, and cystic fibrosis in *AJRCCM* 2002, 333
Tuberculosis, lung infections, interstitial lung disease, and journalology in *AJRCCM* 2002, 345
Chronic obstructive pulmonary disease, pollution, pulmonary vascular disease, transplantation, pleural disease, and lung cancer in *AJRCCM* 2002, 356

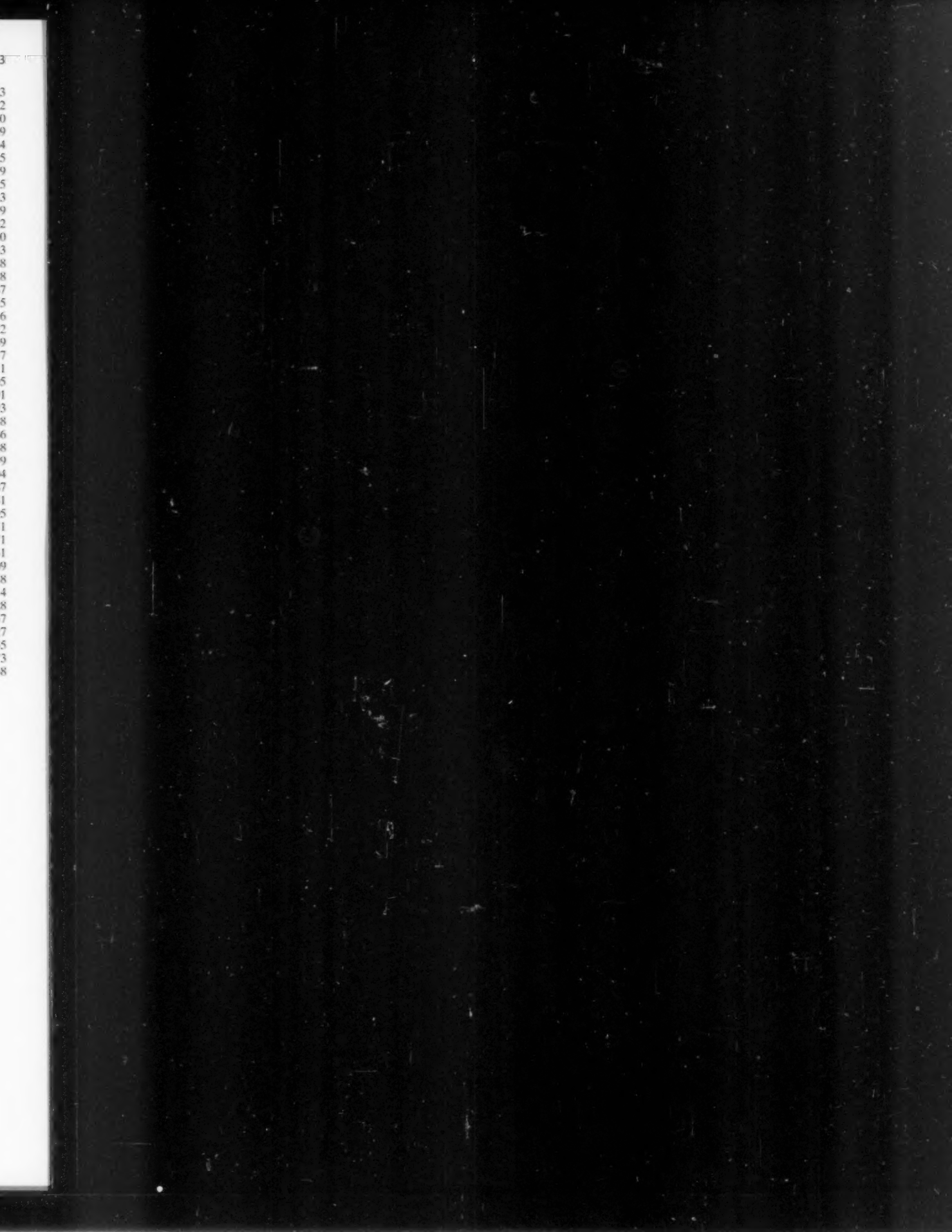
AUTHOR INDEX Volume 167 Numbers 1–12 2003

Abinun, Marie-France 114
Abraham, Edward 32, 1567
Accurso, Frank J. 289, 841
Ackerley, Cameron 1633
Adachi, Yukihiko 1416, 1687
Adamko, Darryl J. 550
Adelroth, Ellinor 78
Ahlers, Olaf 512
Ahmed, Mohamed N. 400
Aizawa, Hisamichi 50
Akiba, Toshiko 180
Akveld, Martijn 745
Albelda, Steven M. 164
Albert, Richard K. 1016
Alberti, Corinne 684
Alinovi, Rossella 1380
Alloway, Christi E.D. 716
American College of Chest Physicians 211
American Thoracic Society 211, 450, 603, 787
Anderson, Sandra D. 534
Andersson, Morgan 1504
Andreoli, Roberta 395, 1380
Aquilina, Alan T. 1650
Arbogast, Patrick G. 580
Arcaroli, John J. 1567
Arcasoy, Selim M. 735
Arens, Raanan 65
Arinami, Tadao 180
Aris, Robert M. 999
Arkwright, Peter D. 384
Arnalich, Francisco 970
Arnett, Donna K. 1528
Arnold, John H. 1334
Arreola, José Luis 925
Asfar, Pierre 1310
Ashida, Kozo 411
Astrinidis, Aristotelis 976
Au, Wendy W. 71
Aubier, Michel 953, 1360
Augusztinovicz, Mónika 850
Austin, Diane 1181
Auten, Richard L. 400
Axelrod, Felicia B. 141
Azoulay, Élie 1329
Azuma, Masato 1355
Azzam, Zaher 1064
Bachurski, Cindy J. 779
Badet, Michel 1310
Baier, Sylvia 425
Baldwin, Carol M. 1186
Balsara, Binaifer R. 976
Bandi, Venkata 78
Banzett, Robert B. 101
Baraldi, Eugenio 395
Baraldo, Simonetta 751
Barát, Erzsébet 850
Barber, Robert C. 1316
Barberà, Joan A. 1250
Barbry, Pascal 1440
Barnes, Peter J. 24, 813, 1109
Barst, Robyn J. 1433
Bärtsch, Peter 862
Bastos, Ricardo 1250
Bates, Caroline E. 1232
Bates, Jason H. T. 948
Baughman, Robert P. 1562
Bay, Boon Huat 185
Baydur, Ahmet 128
Bédos, Jean-Pierre 684
Bciser, Alexa 911
Bekele, Zegaye 1369
Bekers, Otto 958
Belcastro, Rosetta 1554
Bellamy, Richard 946
Bellia, Vincenzo 1490
Belperio, John A. 1676
Benator, Debra 1341
Benayoun, Laurent 1360
Bennett, William D. 158
Ben-Yaakov, Miriam 406
Bercker, Sven 512
Berger, Robert L. 771
Berhane, Kiros 917
Bernardi, Luciano 141, 902
Berrios, Jorge C. 1057
Bersten, Andrew D. 702
Berthiaume, Yves 1440
Bettger, Harald E. 708
Bhat, Abid 1650
Bhattacharya, Jahar 1027
Bigard, Xavier 873
Bigatello, Luca M. 521
Bisgaard, Hans 379
Bishop, Anne E. 438
Black, Carol M. 438
Black, Judith L. 71
Blasi, Anna 128
Block, Mark 1670
Bloomberg, Gordon R. 1068
Blumenthal, Nancy P. 735
Bochner, Bruce S. 550
Bodini, Alessandro 395
Boehnke, Thomas 512
Boland, Lori L. 1186
Boldur, Ida 406
Bonanno, Anna 1131
Bonsignore, Giovanni 1131, 1490
Bonventre, Joseph V. 1627
Bornstein, Stefan R. 485
Bottino, Nicola 521
Boucher, Richard C. 158
Boulet, Louis-Philippe 371
Bounameaux, Henri 39
Bousquet, Jean 1490
Boussaud, Véronique 726
Boylan, Alice 1670
Bradbury, J. Alyce 1509
Branger, Judith 171
Brant, Rollin 1427
Braun, Joerg 593
Brickey, W. June 999
Briegel, Josef 485
Britton, John R. 1369
Brochard, Laurent 1215
Brower, Roy G. 32
Brown, James 158
Brown, Lee K. 1591
Brown-Elliot, Barbara A. 828
Brun-Buisson, Christian 1310
Bruneel, Fabrice 684
Bube, Christoph 1264
Bücker, Arno 729
Buist, A. Sonia 1142
Burdick, Marie D. 1676
Burgess, Janette K. 71
Burke, Conor M. 745
Burman, William J. 1299, 1341
Burns, Jane L. 841
Busch, Thilo 1008
Büscher, Rainer 390, 1113
Bush, Andrew 78
Busljetic, Kamelija 418
Busse, William W. 102
Byrne, Daniel W. 580
Cabacungan, Judy 1554
Caglieri, Andrea 1380
Caironi, Pietro 521
Calciati, Alessandro 902
Calder, Andrew A. 137
Camargo, Carlos A., Jr. 528
Campbell, Ann 1554
Cantor, Jerome O. 1169
Carbon, Claude 1478
Carbone, David P. 1587
Carcillo, Joseph A. 695
Carey, Michelle A. 1509
Carpagnano, Giovanna E. 1109
Carraro, Silvia 395
Carraway, Kermit L. 1711
Carraway, Martha S. 570
Carraway, Martha Sue 1200
Carroll, Mary Ellen 65
Carroll, Neil G. 45
Carson, Shannon S. 32
Casoni, Gianluca 418
Castagnaro, Antonio 751
Cattapan, Steven E. 120
Celedón, Juan C. 1239
Centers for Disease Control and Prevention 603
Chagnon, Jean-Luc 1310
Chaisson, Richard E. 1461
Chakraborti, Subha 828
Chalermskulrat, Worakij 999
Chambellan, Arnaud 953
Chan, Hak-Kim 534
Chan, Karen J. 690
Chang, Ling-Yi L. 57
Chase, Gary A. 444
Cheifetz, Ira M. 1334
Chen, Kang Mei 444
Cheng, Allen C. 824
Cherniack, Neil S. 112
Chetta, Alfredo 751
Chevret, Sylvie 684
Chindamo Loivos, Angela 723
Chin-Yee, Ian 868
Chiumello, Davide 521
Choe, Kang-Hyeon 1516
Choi, Won-Il 1627
Choi, Yoon-Sub A. 120
Christie, Jason D. 735
Chua, Kaw Yan 185
Chun Tong, Xin 1400
Churg, Andrew 1083
Ciaccia, Adalberto 418
Cisneros-Lira, José 925
Clermont, Gilles 695
Clermont, Marie-Eve 1440
Codoceo, Rosa 970
Cohn, Leah A. 1374
Colby, Thomas V. 962, 976, 1410
Coller, Barry 1027
Collins, Daniel V. 702
Colombo, Giorgia 521
Comellas, Alejandro P. 1064
Conde, Marcus B. 723
Conner, Gregory E. 425
Cooper, Andrew B. 708
Corbetta, Lorenzo 418
Corbin, Aaron M. 65
Corne, Stephen 1193
Corradi, Massimo 395, 1380
Couillard, Annabelle 1664

Cox, Christopher E. ... 32
Cox, Peter N. ... 1334
Cox, Robert ... 1021
Cramer, Derek ... 962
Crapo, James D. ... 57, 1142, 1600
Crapo, Robert O. ... 690, 1528
Crestani, Bruno ... 953
Criner, Gerard J. ... 1522
Cripps, Paula ... 1483
Crombach, Shelley A. ... 708
Croxton, Thomas L. ... 1142
Culpitt, Sarah V. ... 24
Culver, Daniel A. ... 1050
Cupples, L. Adrienne ... 1528
Currie, Graeme P. ... 1232
Cuss, Francis ... 1655
Dagenais, André ... 1440
Dagoye, Damtew ... 1369
Dai, Jin ... 1083
D'Alessandro-Gabazza, Corina Nayade ... 1416, 1687
Daley, Charles L. ... 723, 809
Dalhoff, Klaus ... 593
Dammann, Christiane E. L. ... 1711
Daniel, Malcolm ... 741
Danzig, Mel ... 1655
Darnel, Andrew ... 1244
DaSilva, Monica ... 1620
Davies, Jan ... 1427
Davis, Pamela B. ... 1374
Davis, Stephanie ... 1283
Day, Andrew G. ... 716
Day, Brian J. ... 57
Day, Richard B. ... 1279
de Blay, Frédéric ... 1077
de Boer, Willem I. ... 1496
De Leon, Samantha F. ... 1117
De Matos, Carmen ... 24
de Perrot, Marc ... 490
Debigaré, Richard ... 1664
Del Donno, Mario ... 751
DeLisser, Horace M. ... 164
Dence, Carmen S. ... 1257
Deng, Zemin ... 1433
Desai, Sujal R. ... 962
Dessanges, Jean-François ... 1077
DeStefano, Anita L. ... 1528
Devenoges, Christiane ... 431
Deye, Nicolas ... 1215
Di Maria, Giuseppe Ugo ... 902
Ding, Gloria J. F. ... 1400
D'Ippolito, Raffaele ... 751
Djousse, Luc ... 1528
Doecke, Wolf-Dietrich ... 512
Doerr, Clinton H. ... 1057
Doerschuk, Claire M. ... 164, 1027
Doherty, George ... 1400
Dombret, Hervé ... 1329
Dombret, Marie-Christine ... 1360
Donaldson, Gavin C. ... 1090
Donnabella, Vincent ... 32
Donnelly, Louise E. ... 24
Doré, Caroline J. ... 1348
Douglas, Neil J. ... 20, 137
Douglass, Jo ... 534
Dovey, Mark ... 841
Doyle, Thomas P. ... 580
Drazen, Jeffrey M. ... 390, 1113
Drent, Marjolein ... 958
Drew, Alexander C. ... 1393
Dreyfuss, Didier ... 1467
Druilhe, Anne ... 1360
du Bois, Roland M. ... 438, 958, 962, 1695
Duan, Wei ... 185
Duggan, Michelle ... 1633
Dujon, Jay E. ... 1641
Duncan, Steven R. ... 1271
Dundas, Kirsty C. ... 137
Dunn, William F. ... 4
Durand, Rémy ... 684
Durrmeyer, Xavier ... 1215
Duvaldestin, Philippe ... 1310
Dvoskin, Bella ... 406
Edibam, Cyrus ... 702
Edwards, Lloyd J. ... 828
Eggimann, Philippe ... 1210
Eichler, Wolfgang ... 593
El-Chemaly, Souheil ... 425
Elliot, John G. ... 45
Ellison, Misoo C. ... 57
El-Solh, Ali A. ... 1650
Ely, E. Wesley ... 32
Emanuelsson, Cecilia Ahlström ... 1504
Emerson, Julia ... 841
Engelberts, Doreen ... 1633
Engemann, John J. ... 824
Enke, Beate ... 1139
Enkhbaatar, Perenlei ... 1021
Erjefält, Jonas S. ... 1504
Esmon, Charles ... 1027
Fabbri, Leonardo M. ... 418
Fabries, Jean-François ... 1077
Factor, Philip ... 1257
Faiz, Ali R. ... 828
Falke, Konrad J. ... 512, 1008
Fanning, Anne ... 599
Faurisson, François ... 1478
Fegbeutel, Christine ... 1321
Fehrenbach, Antonia ... 1264
Fehrenbach, Heinz ... 1264
Felix, Nathan J. ... 999
Fenik, Polina ... 563
Ferguson, Kathleen A. ... 15
Ferkol, Thomas ... 1257, 1374
Ferrand, Edouard ... 1310
Ferrari, Victor A. ... 735
Ferraro, Pasquale ... 1440
Ferriere, Karin ... 1210
Fieux, Fabienne ... 1329
Finn, Laurel ... 1181
Fischer-Coibrie, Reiner ... 1504
Fisher, Bruce W. ... 741
Fisher, Edwin B., Jr. ... 1068
FitzGerald, J. Mark ... 488, 599
Fitzpatrick, Michael F. ... 716
Flaherty, Kevin R. ... 1410
Flake, Gordon P. ... 1509
Fleetham, John A. ... 3
Flemons, W. Ward ... 1427
Flood-Page, Patrick T. ... 199
Floros, Joanna ... 1027
Florquin, Sandrine ... 171
Foglino, Maryline ... 1478
Folesani, Giuseppina ... 395
Folz, Rodney J. ... 400
Forbes, Peter W. ... 1334
Foresi, Antonio ... 751
Fortenberry, Ellen R. ... 824
Forteza, Rosanna ... 425
Fortin, Dominique ... 873
Foy, Carla ... 158
Fraig, Mostafa ... 1670
Franco, Omar Enrique ... 1687
Frangolias, Despina D. ... 150
Freed, Arthur N. ... 1102
Freezer, Nicholas J. ... 587
French, Andrew J. ... 1641
Friedman, Maureen G. ... 406
Frndova, Helena ... 1554
Fryer, Allison D. ... 550
Fujimoto, Hajime ... 1687
Fujitani, Yasushi ... 193
Fukudome, Kenji ... 1416
Fukushima, Kiyoyasu ... 1355
Fukuyama, Satoru ... 50
Gabazza, Esteban Cesar ... 1416, 1687
Gabor, Jonathan Y. ... 708
Gagliardo, Rosalia ... 1490
Gail, Dorothy B. ... 1027
Gajic, Ognjen ... 741, 1057
Gamberoni, Chiara ... 521
Garcia, Gilles ... 1433
Garrett, Joanne M. ... 32
Gaston, Benjamin ... 292
Gattinoni, Luciano ... 521
Gatto, Louis A. ... 1620
Gaxiola, Miguel ... 925
Ge, Qi ... 71
Geddes, Duncan M. ... 1109
Gedeit, Rainer G. ... 1334
Georgopoulos, Dimitris ... 1124
Gera, Lajos ... 1516
Geraghty, Philip J. ... 384
Gerlach, Herwig ... 512, 1008
Germolec, Dori R. ... 1509
Ghio, Andrew J. ... 1200
Ghofrani, Hossein A. ... 1139
Ghofrani, Stefanie ... 1139
Gibbs, J. Simon R. ... 862
Gibejova, Agata ... 1695
Gibson, Ronald L. ... 841
Gifford, Nancy ... 1650
Gildea, Thomas R. ... 1387
Gilliland, Frank D. ... 917
Gimbrone, Michael A., Jr. ... 1027
Givelber, Rachel J. ... 911
Gjomarkaj, Mark ... 1131
Glanville, Allan R. ... 1463
Goh, Nicole S.L. ... 962
Gokorsch, Stephanie ... 1321
Gold, Diane R. ... 1239
Golson, Maria L. ... 400
Gon, Yasuhiro ... 856
González, Alicia ... 970
Gooch, Rebecca A. ... 1509
Gordon, Nancy ... 20
Gordon, Steven M. ... 1050
Gorgels, Anton P. M. ... 958
Gottlieb, Daniel J. ... 911, 1528
Govert, Joseph A. ... 32
Gozal, David ... 1540, 1548
Granton, John T. ... 1483
Grasemann, Hartmut ... 390, 1113
Green, Francis H. Y. ... 83
Green, Stuart A. ... 528
Greiff, Lennart ... 1504
Griffith, David E. ... 810
Grimminger, Friedrich ... 1139, 1321
Gross, Barry H. ... 1410
Gross, Cynthia R. ... 1304
Groussard, Odile ... 953
Grover, Vikas ... 1650
Grünberg, Katrien ... 1496
Grutta, Stefania La ... 1490
Gu, Qihai ... 1096
Günther, Rolf W. ... 729
Guntupalli, Kalpalatha K. ... 78
Guo, Shang Z. ... 1540
Haage, Patrick ... 729
Häfner, Dietrich ... 1562
Hage, Chadi A. ... 1279
Haggart, Kay ... 1232
Haggerty, Catherine L. ... 7
Hagmann, William K. ... 1400
Hajiro, Takashi ... 544
Hales, Charles A. ... 1627
Hall, Andy ... 1369
Hall, Jesse B. ... 32
Halter, Jeffrey M. ... 1620
Hamblett, Nicole ... 841
Hamilton, Carol D. ... 824
Hamman, Richard F. ... 983
Han, J. ... 1496
Handler, Allison ... 828, 835

Hanly, Patrick J. ... 708
Hansell, David M. ... 958, 962
Hanson, James H. ... 1334
Harabin, Andrea L. ... 1027
Hara, Nobuyuki ... 50
Harbarth, Stephan ... 1210
Hardy, Charles L. ... 1393
Hart, Robert W. ... 20
Hartmann, Christopher A. ... 1641
Hartog, Christine M. ... 593
Hasebe, Naoyuki ... 895
Hashimoto, Shu ... 856
Hataji, Osamu ... 1687
Hattar, Katja ... 1321
Hattori, Toshio ... 758
Hawes, Robert H. ... 1670
Hawkins, Hal ... 1021
Hayashi, Tatsuya ... 1416, 1687
Heffner, John E. ... 1591
Heighway, Kim ... 15
Henderson, A. Cortney ... 771
Herndon, David ... 1021
Herve, Christian ... 1310
Hervé, Philippe ... 1433
Hiatt, Peter ... 841
Hiemstra, Pieter S. ... 1496
Higa, Futoshi ... 1355
Highland, Kristin ... 1591
Hilz, Max ... 141
Hinterhölzl, Josef ... 1504
Hocqueloux, Laurent ... 684
Hodge, Thomas ... 1341
Hodson, Margaret E. ... 1109
Hoffman, Andrew ... 771
Hoffman, Brenda J. ... 1670
Hoffman, Eric ... 1027
Hohlfeld, Jens M. ... 1264
Hoit, Jeannette D. ... 101
Holdsworth, Stephen R. ... 587
Holloway, Caroline L. ... 150
Holmes, Peter W. ... 587
Holzer, Karen ... 534
Homma, Ikuo ... 1416
Honoré, Isabelle ... 953
Hopkins, Ramona O. ... 690
Horie, Takashi ... 856
Horváth, Ildikó ... 850
Hosaki, Yasuhiro ... 411
Howard, John ... 1283
Howarth, Nigel ... 39
Hoymann, Heinz G. ... 1264
Hubbard, Richard ... 1369
Hubmayr, Rolf D. ... 1027, 1057
Hudgel, David W. ... 20
Hugonnet, Stephane ... 1210
Humbert, Marc ... 1433
Huszár, Éva ... 850
Hutchinson, Ian V. ... 384
Hutchinson, Paul E. ... 587
Iacono, Aldo T. ... 1271
Iannuzzi, Michael C. ... 444, 1225
Ichijo, Hidenori ... 856
Ichikawa, Kunio ... 180
Ichinose, Masakazu ... 758
Idell, Steven ... 1200
Ido, Akira ... 895
Ido, Masaru ... 1416
Ihara, Tadashi ... 895
Ikegami, Machiko ... 779
Ikegami, Tomomi ... 50
Infectious Diseases Society of America ... 603
Ingenito, Edward P. ... 771
Inman, Mark ... 5
Inoue, Hiromasa ... 50
Inoue, Sumito ... 764
Ishibashi, Hironori ... 1244
Ishigaki-Suzuki, Satsuki ... 758
Ito, Kazuhiko ... 1117
Iwama, Asushi ... 180
Iwase, Michiko ... 1416
Izci, Bilgay ... 137
Izumizaki, Masahiko ... 1416
Jaber, Samir ... 1310
Jacoby, David B. ... 550
Jafari, Behrouz ... 1627
James, Alan L. ... 45
Jan van Suylen, Robert ... 958
Jankov, Robert P. ... 1, 1554
Jasmer, Robert M. ... 809
Jeffery, Peter K. ... 78
Jibiki, Itsuro ... 856
Jin, Yin-Tie ... 895
Jindani, Amina ... 1348
Jo, Javier A. ... 128
Jobe, Alan H. ... 779
Johnson, Bruce A. ... 1271
Johnson, Joyce ... 889
Johnson, Paul D. ... 587
Johnson, Peter R. A. ... 71
Johnstone, Leslie ... 1554
Join-Lambert, Olivier ... 1478
Jones, Edward T. ... 1670
Jones, Marcus H. ... 1283
Jornot, Lan ... 431
Juarez, Ricardo ... 128
Jubran, Amal ... 120
Kadikar, Nisha ... 708
Kadota, Jun-Ichi ... 1355
Kala, Subbarao V. ... 925
Kallapur, Suhas G. ... 779
Kambouchner, Marianne ... 953
Kamioka, Masashi ... 180
Kantengwa, Salomé ... 431
Kaplan, Robert M. ... 880
Kapsali, Trisevgeni ... 1660
Karaagac, Suleyman ... 729
Karbowniczek, Magdalena ... 976
Kavanagh, Brian P. ... 1587, 1633
Kawakami, Kazuyoshi ... 1355
Kawka, Douglas ... 1400
Kay, A. Barry ... 199, 1586
Kazerooni, Ella A. ... 1410
Keane, Michael P. ... 1676
Keh, Didier ... 512, 1008
Kelly, Elizabeth A. E. B. ... 102
Kenins, Linda ... 1393
Kerstjens, Huib A. M. ... 1655
Keshavjee, Shaf H. ... 1483
Keshavjee, Shaf ... 490
Khan, Awal ... 1341
Khan, Nadia A. ... 741
Kharitonov, Sergei A. ... 1109
Kheirandish, Leila ... 1548
Khoo, Michael C. K. ... 128
Kibe, Atsuko ... 50
Kikuchi, Kenjiro ... 895
King, Barbara ... 1341
King, Greg ... 71
King, Paul T. ... 587
Kinnula, Vuokko L. ... 1600
Kips, Johan C. ... 1655
Kisling, Jeff ... 1283
Kiss, Domonkos ... 850
Kleiman, Martin B. ... 1279
Knapp, Sylvia ... 171
Knauer, Nicola ... 390
Knowles, James A. ... 1433
Knowles, Michael R. ... 158, 828, 835
Knox, Alan J. ... 819
Knox, Kenneth S. ... 1279
Koarai, Akira ... 758
Kobayashi, Hiroshi ... 1416
Kobayashi, Seiichi ... 1244
Koechlin, Christelle ... 1664
Koguchi, Yoshinobu ... 1355
Kohno, Shigeru ... 1355
Kohstall, Markus G. ... 1139
Kolek, Vitezslav ... 1695
Kon, Sigeyuki ... 1355
Kondili, Eumorfia ... 1124
Kondo, Takashi ... 205
Konstan, Michael W. ... 841
Kony, Sabine ... 538
Koo, Gloria C. ... 1400
Kopferschmitt, Marie-Christine ... 1077
Korsgren, Magnus ... 1504
Kotloff, Robert M. ... 735
Koto, Hiroshi ... 50
Koyama, Kaori ... 1244
Kreckel, André ... 1139
Krein, Peter M. ... 83
Kritski, Afranio L. ... 723
Krombach, Gabriele ... 729
Krozowski, Zygmund S. ... 1244
Krug, Norbert ... 1264
Kuba, Mutsuo ... 1355
Kubo, Hiroshi ... 205, 1244
Kudeken, Norifumi ... 1355
Kuhn, Karl P. ... 580
Kuna, Samuel T. ... 674
Kuo, I. Chun ... 185
Kuramasu, Atsuo ... 758
Kuteifan, Khaldoun ... 1310
Laghi, Franco ... 120
Lamm, Wayne J. E. ... 1016
Lampert, Eliane ... 873
Landas, Steve ... 1620
Lane, Kirk B. ... 889
Langenbach, Robert ... 1509
Langley, Stephen J. ... 1655
Lankford, Alan ... 20
Lazarovich, Zilia ... 406
Le Bras, Jacques ... 684
Le Gal, Jean-Roger ... 1329
Le Gall, Catherine ... 1433
LeBlanc, Pierre ... 1664
Lebowitz, Michael ... 7
Lee, Bert ... 708
Lee, Daniel K. C. ... 1232
Lee, Jaeho ... 1057
Lee, Ji-Hyun ... 828, 835
Lee, Lu-Yuan ... 1096
Lee, Shing M. ... 1522
Leemans, Jaklien C. ... 171
Leinonen, Maija ... 406
Lejaille, Michèle ... 114
Lellouche, François ... 1215
Lemaire, François ... 1215, 1310
Leppert, Mark F. ... 1027, 1528
Lesprit, Philippe ... 1478
Lewandowski, Klaus ... 1008
Lewis, James F. ... 1562
Lewis, Sarah A. ... 1369
Leynaert, Bénédicte ... 538
Li, Yu-Fen ... 917
Lidicker, Jeffrey ... 695
Lieberman, David ... 406
Lieberman, Devora ... 406
Lieberman, Michael W. ... 925
Lieutier-Colas, Florence ... 1077
Ligabue, Guido ... 418
Lin, Cheng Y. ... 1641
Lin, Ko-Chung ... 1400
Lin, You Shuei ... 1096
Linde-Zwirble, Walter T. ... 695
Lipton, Andrew J. ... 1540
Lipworth, Brian J. ... 1232
Liston, Wang A. ... 137
Litonjua, Augusto A. ... 1239
Liu, Andrew H. ... 983
Liu, Jianguo ... 65
Liu, Mingyao ... 490
Liu, Rugao ... 1548

Lium, James H. 976
Lofaso, Frédéric 114
Lonjon, Bernard 726
López-Maderuelo, Dolores 970
Louis, Bruno 114
Loyd, James E. 580, 889
Luckett, Peter M. 1334
Luker, Gary D. 1257
Luo, Xiaoping 1554
Lutz, Marin 1676
Lye, Stephen J. 1554
Lynch, Joseph P., III 1410
Macarthur, Colin 1427
Machida, Kentaro 50
Mackay-Sim, Alan 1504
Macklem, Peter T. 1164
MacLean, Alistair W. 716
Madero, Rosario 970
Maeda, Masahiro 1355
Maggiore, Salvatore M. 1215
Maggiorini, Marco 862
Mairbäurl, Heimo 862
Major, Marcie 444
Majumdar, Sumit R. 741
Makabe-Kobayashi, Yoko 758
Maliarik, Mary J. 444, 1225
Malice, Marie-Pierre 528
Maltais, François 1664
Mancebo, Jordi 1215
Manini, Paola 395, 1380
Marinelli, William A. 1304
Maris, Nico A. 171
Marsh, James J. 1562
Martin, Claudio M. 868
Martin, Sascha E. 137
Martinez, Fernando J. 1410
Martyny, John 983
Maruoka, Shuichiro 856
Mason, S. Nicholas 400
Massie, Clifford A. 20
Massion, Pierre P. 1587
Matalon, Sadis 1027
Matosian, Melissa 1176
Matsuhashi, Hironobu 895
Matsumoto, Koichiro 50
Matsunaga, Naofumi 1704
Matsunaga, Yasujiro 991
Matsusaka, Tomoyuki 895
Matsuzawa, Atsushi 856
Matte-Martyn, Andrea 1483
Matthay, Michael A. 1027
Mayer, Konstantin 1321
McAlister, Finlay A. 741
McArdle, Nigel 20
McCammon, Charles 983
McCaul, Conán L. 1633
McCormack, Francis X. 976
McCulloch, Sharron 1102
McCurry, Kenneth R. 1271
McDonough, Joseph M. 65
McNamara, Patrick J. 1633
McNamara, Sharon 841
McNeil, Paul L. 1046
McParland, Brent E. 71
McRae, Karen 1483
Meade, Maureen O. 1483
Meert, Kathleen L. 1334
Mehta, Atul C. 1050
Melis, Mario 1131
Mello, Fernanda C. Q. 723
Menzies, Dick 599, 676, 1472
Menzies-Gow, Andrew N. 199, 1586
Mettauer, Bertrand 873
Meyer, Pierre 1077
Meyers, Teresa 1102
Michaud, Annie 1664
Michel, René P. 1440
Milic-Emili, Joseph 1167
Miller, Debra L. 1200
Miller, Scott 1670
Mirabella, Franco 1490
Mishima, Michiaki 411
Mitas, Michael 1670
Mitchison, Denis Anthony 1298, 1348
Mitrouska, Ioanna 1124
Mitsunobu, Fumihiro 411
Mizutani, Akio 1021
Mody, Christopher H. 1131
Möhrlein, Andreas 862
Mohsenifar, Zab 1522
Molina, Paul L. 835
Montiel, Carmen 970
Moorman, Michael P. 1509
Morales-Blanhir, Jaime 1250
Moreau, Delphine 1329
Morita, Yoshihisa 868
Morris, Alan H. 1302
Morris, David G. 32
Morse, Jane H. 1433
Moss, Richard 841
Moufarrej, Ramzi K. 1627
Mrazek, Frantisek 1695
Mukae, Hiroshi 1355
Mulheran, Michael 819
Mumford, Jeanette 1410
Munford, Robert 1027
Munt, Peter W. 716
Murakami, Kazunori 1021
Murphy, Timothy F. 486
Murray, Susan 1410
Musick, Judith R. 1068
Mutoh, Tatsushi 557
Mutti, Antonio 1380
Myers, Jeffrey L. 1057
Myers, Richard H. 1528
Myers, Roseann 880
Nakagaki, Tomohiro 1416
Nakamoto, Atsushi 1355
Nakamura, Hidenori 764
Nakano, Mariko 1687
Natori, Shunsuke 895
Nendaz, Mathieu R. 39
Neukirch, Catherine 538
Neukirch, Françoise 538
Neuringer, Isabel P. 999
Neville, Jennifer J. 1540
Newman, Anne B. 7
Newman, John H. 889
Newman, Lee S. 983
N'Guessan, Benoit 873
Nichols, William C. 889
Nicholson, Andrew G. 438, 958, 962
Nicod, Laurent P. 431
Nida, Hailu 1369
Nielsen, Heber C. 1711
Nieman, Gary F. 1620
Nieto, F. Javier 1186
Nishida, Kazunori 411
Nishimura, Koichi 544
Nishio, Susan J. 2
Nishitoh, Hideki 856
Noguchi, Emiko 180
Nozik-Grayck, Eva 400
Nunes, Hilario 953, 1433
O'Connor, Brian J. 1655
O'Connor, George T. 7, 911, 1186
Oga, Toru 544
Ogasawara, Nobuhiko 1704
Ohana, Bella 406
O'Hehir, Robyn E. 1393
Ohtsu, Hiroshi 758
Okada, Mifue 1650
Okamoto, Makoto 411
O'Keefe, Grant E. 1316
Olivier, Kenneth N. 828, 835
Olivieri, Dario 751
Olschewski, Horst 1139
O'Neil, Mary E. 1334
O'Neill, Marsha E. 983
Orme, James Jr. 690
Ortel, Thomas L. 1200
Otake, Kazuhisa 764
Owan, Isoko 1355
Pace, Elisabetta 1131
Pacheco, Karin A. 983
Pack, Allan I. 65, 109
Pajno, Giovanni Battista 1490
Palmer, Lyle J. 390
Panigada, Mauro 521
Pantelidis, Panagiotis 438
Papaioakim, Miltiadis 741
Papi, Alberto 418
Pappert, Dirk M. 1008
Pardo, Annie 925
Parent, Florence 1433
Parisien, Isabelle 1472
Park, Kwon Moo 1627
Parkinson, John F. 1021
Parrot, Antoine 1329
Parsons, Polly 1027
Parthasarathy, Sairam 120
Passino, Claudio 141
Patel, Irem S. 1090
Pater, Jennie 171
Pauli, Gabrielle 1077
Pauwels, Romain A. 1655
Payne, Donald N. R. 78
Pea, Laurent 726
Peinado, Victor I. 1250
Pelletier, Marthe 1472
Peloquin, Charles A. 1341
Pelosi, Paolo 521
Pénzes, István 850
Pepinsky, R. Blake 1400
Permutt, Solbert 1660
Perrier, Arnaud 39
Persson, Carl G. A. 1504
Pesce, Liuska M. 1064
Peters, John M. 917
Petersen, Lars C. 1200
Peterson, Andrea 1181
Petrek, Martin 1695
Petri Henske, Elizabeth 976
Phillips, Gary B. 1021
Phillips, John A., III 889
Phillips, Roderick J. 1676
Phillips, Thomas E. 1374
Piacentini, Giorgio 395
Piantadosi, Claude A. 570, 1200
Pietrantoni, Celestino 1650
Pigeot, Jérôme 1215
Piroth, Werner 729
Pittet, Didier 1210
Piwnica-Worms, David 1257
Plopper, Charles, G. 2
Pochard, Frédéric 1310
Pochettino, Alberto 735
Poisson, Laila M. 444, 1225
Poli, Diana 1380
Ponde, Datta E. 1257
Poniris, Maree H. 71
Pope, Donna 690
Postma, Dirkje S. 1655
Poulter, Leonard W. 745
Pravica, Vera 384
Préfaut, Christian 1664
Pretolani, Marina 1360
Prewitt, Lela M. 880
Prigent, Hélène 114
Prince, Alice S. 1462
Prince, Melissa 889
Prinianakis, George 1124
Printz, Shmuel 406
Profita, Mirella 1131

Province, Michael A. ... 1528
Punjabi, Naresh M. ... 7
Purohit, Ashok ... 1077
Pyrgos, George ... 1660
Qin, Lan ... 164
Quinn, Deborah A. ... 1627
Ramírez, Josep ... 1250
Ramírez, Remedios ... 925
Ramsey, Bonnie ... 841
Randell, Scott H. ... 999
Randolph, Adrienne G. ... 1334
Raphael, Jean-Claude ... 114
Rapoport, David M. ... 1186
Rappaport, Edward B. ... 917
Ratjen, Felix ... 390, 1113
Ravenel, James ... 1670
Redline, Susan ... 7, 1186
Reed, Carolyn E. ... 1670
Reeves, Stephen R. ... 1540
Régnier, Bernard ... 684, 1310
Reilly, John J. ... 771
Reingold, Arthur L. ... 723
Reiss, Theodore F. ... 528
Remmers, John E. ... 1427
Renault, Anne ... 1310
Renzoni, Elisabetta A. ... 438
Retsch-Bogart, George ... 841
Reynolds, Paul N. ... 1257
Rezende, Valeria M. ... 723
Ribera, Florence ... 873
Ricard, Jean-Damien ... 1297, 1467
Rich, Stephen S. ... 1528
Richard, Jean-Christophe ... 1215
Richard, Jean-Cristophe ... 1257
Ricou, Bara ... 1210
Ries, Andrew L. ... 880
Riha, Renata L. ... 137
Risby, Terence H. ... 1301
Robbins, Ivan M. ... 580, 889
Robbins, John A. ... 1186
Robert, René ... 1310
Roberts, Joan S. ... 1334
Robinson, Douglas S. ... 199
Robinson, Philip J. ... 45
Roca, Josep ... 1250
Rocher, Isabelle ... 1472
Roda, Laurent ... 726
Rodriguez-Roisin, Robert ... 1250
Rogers, Andrew V. ... 78
Rogers, Duncan F. ... 24
Rolland, Jennifer M. ... 1393
Romagnoli, Micaela ... 418
Romanska, Hanna M. ... 438
Romney, Joshua S. ... 690
Rose, Cecile S. ... 983
Rose, Frank ... 1139
Rosenfeld, Margaret ... 841
Rossaint, Rolf ... 1008
Rosseau, Simone ... 1321
Roth, Michael ... 71
Roudot-Thoraval, Françoise ... 1478
Rousselot, Philippe ... 1329
Row, Barry W. ... 1540, 1548
Rubens, Michael B. ... 962
Rubin, Nathania K. ... 65
Rubins, Jeffrey B. ... 103
Rubinstein, Israel ... 1380
Ruby, Ralph R. F. ... 15
Ruiz, Víctor ... 925
Runo, James R. ... 889
Russell, Richard E. K. ... 24
Rutten, Albert J. ... 702
Ryan, Louise ... 1239
Rybicki, Benjamin A. ... 444, 1225
Sabatini, Peter J. B. ... 83
Saetta, Marina ... 418, 751
Saey, Didier ... 1664
Saijo, Ariko ... 164
Saito, Atsushi ... 1355
Saito, Hiroshi ... 764
Sakurai, Eiko ... 758
Salathe, Matthias ... 425
Saldías, Fernando J. ... 1064
Salmon, Michael ... 438
Samet, Jonathan ... 7
Samuel, Christiane ... 114
Sanders, Mark H. ... 7
Sannuti, Aruna ... 1279
Santos, Salud ... 1250
Sarasin, François P. ... 39
Sasano, Hironobu ... 205, 1244
Sato, Jun ... 764
Sato, Susumu ... 544
Saumon, Georges ... 1467
Scerbavicius, Robertas ... 1516
Schäffter, Tobias ... 729
Schechter, Michael S. ... 828
Schelegle, Edward S. ... 2
Schermuly, Ralph T. ... 1139
Schiller, Henry J. ... 1620
Schlemmer, Benoît ... 1329
Schmidt-Nowara, Wolfgang W. ... 20
Schnapp, Lynn M. ... 1176
Schulz, Christina ... 512
Schuster, Daniel P. ... 1257
Schwarz, Martin ... 384
Sciurba, Frank ... 1522
Seeger, Werner ... 1139, 1321
Sekerova, Veronika ... 1695
Selman, Moisés ... 925, 945
Selvarajan, Sathiyamoorthy ... 185
Semmerow, Alexander ... 1008
Senior, Robert M. ... 1142
Serantes, Rocio ... 970
Serrurier, Bernard ... 873
Sestini, Piersante ... 438
Shade, David ... 1522
Shah, Kashmira ... 1400
Shah, Nina ... 1341
Shah, Pallav ... 24
Shahar, Eyal ... 7, 1186
Shapiro, Steven D. ... 1083
Sharma, Vijay ... 1257
Sheffer, Roberta ... 444
Shermock, Kenneth M. ... 1387
Sherwood, Edward R. ... 1641
Shibasaki, Masanao ... 180
Shimizu, Shino ... 1416
Shimizu, Takeshi ... 1416
Shimoda, Katsumi ... 1021
Shinzato, Takashi ... 1355
Shirato, Kunio ... 758
Siafakas, Nickolaos ... 1124
Sibbald, William J. ... 868
Siena, Liboria ... 1131
Silverman, Eric S. ... 390
Silvestri, Gerard ... 1670
Simoes, Eric A. F. ... 290
Simonneau, Gérald ... 1433
Singer, Irwin I. ... 1400
Singer, Mendel E. ... 1387
Singh, Suveer ... 958
Sitbon, Olivier ... 1433
Slivka, William ... 1522
Slutsky, Arthur S. ... 1027
Smith, Arnold ... 1374
Smithline, Howard A. ... 528
Smyth, Alan R. ... 819
Snider, Gordon L. ... 678, 1045
Soares, Sergio L. M. ... 723
Sommerfeld, Carsten O. ... 593
Sont, Jacob K. ... 1496
Sontag, Marci K. ... 289
Sood, Namita ... 158
Spatafora, Mario ... 1131
Spevetz, Antoinette ... 32
Spicuzza, Lucia ... 902
Spragg, Roger G. ... 1562
Sredl, Diane ... 1239
St. John Sutton, Martin ... 735
Steinberg, Jay M. ... 1620
Stemper, Brigitte ... 141
Sterk, Peter J. ... 1496
Stevens, Paul ... 1264
Stoller, James K. ... 1387
Storm van's Gravesande, Karin ... 390, 1113
Stout, Jason E. ... 824
Straus, Sharon E. ... 741
Strieter, Robert M. ... 1589, 1676
Strunk, Robert C. ... 1068
Subramaniam, Meera ... 57
Subrtova, Daniela ... 1695
Suga, Kazuyoshi ... 1704
Sugita, Makoto ... 1440
Sugiura, Hisatoshi ... 758
Suliman, Hagir B. ... 400, 570
Sullivan, Siobhán O' ... 745
Sunday, Mary E. ... 57
Sundler, Frank ... 1504
Super, Maurice ... 384
Suter, Peter ... 1210
Suzuki, Koji ... 1416, 1687
Suzuki, Ryoichi ... 1102
Suzuki, Satoshi ... 205, 1244
Suzuki, Takashi ... 205 ,1244
Swenson, Erik R. ... 862
Syrkina, Olga ... 1627
Szefler, Stanley J. ... 290
Sznajder, Jacob I. ... 1064
Szotkowska, Jaroslava ... 1695
Taguchi, Osamu ... 1416, 1687
Taguchi, Yukiko ... 1416
Tai, Hsin ... 1083
Taille, Solenne ... 1215
Takata, Shingo ... 411
Takeda, Hiroaki ... 764
Takeda, Kazunori ... 180
Takeda, Tetsuya ... 180
Tan, Kelvin H.-V. ... 819
Tanizaki, Yoshiro ... 411
Tanswell, A. Keith ... 1, 1554
Tao, Weike ... 1641
Taraseviciene-Stewart, Laimute ... 1516
Tasaka, Sadatomo ... 164
Tateyama, Masao ... 1355
Tepper, Robert S. ... 1283
Terashita, Kyoko ... 764
Testa, Joseph R. ... 976
Testi, Renato ... 751
Thannickal, Victor J. ... 1410
Thiery, Guillaume ... 1329
Thomsen, George ... 690
Thorne, Peter S. ... 983
Thurston, George D. ... 1117
Ting, Jenny P. ... 999
Tinmouth, William ... 83
Tipa, Annalisa ... 1131
Tobin, Martin J. ... 120, 294, 306, 319, 333, 345, 356, 1047, 1161
Toews, Galen B. ... 1410
Togias, Alkis ... 1660
Tomashefski, Joseph ... 835
Tomlinson, George ... 741
Tomoike, Hitonobu ... 764
Traber, Daniel ... 1021
Traber, Lillian ... 1021
Tracey, Kevin J. ... 1027
Travis, William D. ... 1410
Trifilieff, Alexandre ... 193
Trinkaus, Kathryn M. ... 1068
Tsai, Larry ... 771
Tsai, Willis H. ... 1427
Tschernig, Thomas ... 1264
Tsubochi, Hiroyoshi ... 205

Tsubone, Hirokazu ... 557
Tsugeno, Hirofumi ... 411
Tsukino, Mitsuhiro ... 544
Tsukuda, Toshinobu ... 1704
Tsuneyoshi, Naoko ... 1416
Tuder, Rubin M. ... 1516
Tudor, Gail ... 835
Turato, Graziella ... 418
Turino, Gerard M. ... 1169
Twigg, Homer L., III ... 1279
Udupa, Jayaram K. ... 65
Uede, Toshimitsu ... 1355
Ueno, Takaharu ... 205
Uezu, Kaori ... 1355
Usui, Yutaka ... 991
Vachon, François ... 684
Valeyre, Dominique ... 953
Valiquette, Chantal ... 1472
Valladares, Edwin ... 128
Valyon, Márta ... 850
van der Poll, Tom ... 171
van Krieken, J. M. ... 1496
van Rooijen, Nico ... 171
van Schadewijk, W. Annemarie A. M. ... 1496
Varma, Tushar K. ... 1641
Vass, Géza ... 850
Vázquez, Juan J. ... 970
Veasey, Sigrid C. ... 563
Vedal, Sverre ... 150
Veeraraghavan, Srihari ... 438
Venkataraman, Shekhar T. ... 1334
Venn, Andrea J. ... 1369
Vennelle, Marjorie ... 137
Ventura-Clapier, Renée ... 873
Vernon, Andrew ... 1341
Vervloet, Daniel ... 538
Vignola, Antonio Maurizio ... 1131, 1490
Vissuzaine, Christiane ... 1478
Vnencak-Jones, Cindy L. ... 889
Voelkel, Norbert F. ... 1516
Volk, Hans-Dieter ... 512
Waddell, Thomas K. ... 490
Wagener, Jeffrey ... 841
Wakeford, Tracy M. ... 716
Wallace, Michael B. ... 1670
Wallace, Richard J., Jr. ... 828
Walmrath, Dieter ... 1321
Walsh, David A. ... 438
Walter, Robert E. ... 911
Waltz, David ... 841
Wang, Rong D. ... 1083
Wang, Xiaoshan ... 1083
Ward, Peter ... 1027
Warner, John O. ... 1465
Warshawsky, Paul ... 120
Watanabe, Takehiko ... 758
Watson, R. Scott ... 695
Weaver, Bruce ... 1483
Weaver, Lindell K. ... 690
Webb, A. Kevin ... 384
Weber, David J. ... 828, 835
Weber-Cartens, Steffen ... 512
Webster, Kim ... 1193
Wedzicha, Jadwiga A. ... 1090
Weiner, Marc ... 1341
Weinert, Craig R. ... 1304
Weinmann, Gail G. ... 1142
Weis, Stephen ... 1341
Weisman, Idelle ... 1176
Weiss, Scott T. ... 1239
Weissmann, Norbert ... 1139
Wells, Athol U. ... 438, 962
Welsch, Goetz ... 141
Welsh, Carolyn H. ... 1176
Welty-Wolf, Karen E. ... 1200
Wermelt, Johanna A. ... 593
Wewers, Mark D. ... 1562
Weymann, Jörn ... 862
Wheat, L. Joseph ... 1279
Wheeler, Lisa ... 889
White, David P. ... 1165
White, N. J. ... 673
Wiedemann, Ralph ... 1139
Wilcox, Pearce G. ... 150
Wilk, Jemma B. ... 1528
Wilkinson, Tom M. A. ... 1090
Wilks, Mark ... 1090
Wilmott, Robert ... 841
Wilson, Rebecca W. ... 828
Winston, Brent W. ... 83
Wise, Robert A. ... 1142, 1522
Wnek, Richard ... 1400
Woldemichael, Kifle ... 1369
Wolff, Michel ... 684
Wong, W.S. Fred ... 185
Wood, Karen L. ... 1279
Woodcock, Ashley ... 1655
Wright, Joanne L. ... 1083
Wright, Rosalind J. ... 1239
Wurst, Wilhelm ... 1562
Xiao, Jianying ... 1400
Xie, Changshi ... 1083
Xu, Wei ... 1548
Yamagata, Shunsuke ... 758
Yang, Kuang-Yao ... 1567
Yara, Satomi ... 1355
Yasui, Hiroki ... 1416
Yee, Daphne ... 1472
Yimam, Meselech ... 1369
Yoder, Bradley A. ... 57
Yokoi, Tadashi ... 411
Yoshimura, Tetsuhiko ... 205
Yoshizawa, Yasuyuki ... 991
Younes, Magdy ... 1193
Young, Michael P. ... 948
Young, Terry ... 1181, 1186
Yu, Pei ... 868
Yuan, Lillian ... 599
Yuan, Yue ... 1704
Yuda, Hisamichi ... 1687
Yunker, Ann ... 841
Zanconato, Stefania ... 395
Zanini, Andrea ... 751
Zeevi, Adriana ... 1271
Zeitlin, Pamela L. ... 841
Zeldin, Darryl C. ... 1509
Zeman, Kirby ... 158
Zerah-Lancner, Françoise ... 114
Zhang, Yansheng ... 828
Zhou, Zhaohui ... 1257
Zimmerman, Guy A. ... 1027
Zisman, David A. ... 735
Zoll, Joffrey ... 873
Zureik, Mahmoud ... 538